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PATENT
Attorney's Ref. No. 5922-53642

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box PATENT APPLICATION
ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Transmitted herewith for filing is the patent application of:

Inventor(s): Anders Grunnet-Jepsen, Alan E. Johnson, Eric S. Maniloff, Thomas W. Mossberg, Michael J. Munroe, John N. Sweetser

For: CODE-BASED OPTICAL NETWORKS, METHODS, AND APPARATUS

Enclosed are:

13 pages of specification, 4 pages of claims, an abstract and a Combined Declaration and Power of Attorney (unsigned).
 5 sheet(s) of informal drawings.

CLAIMS AS FILED

For	Claims Filed	Number Free	Number Extra	Rate	Basic Fee
Total Claims	21	20	= 1	\$9.00	\$ 9.00
Independent Claims	6	3	= 3	\$39.00	\$ 117.00
Multiple Dependent Claim Fee				\$130.00	\$0.00
TOTAL FILING FEE					\$506.00

Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

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